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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/072,709	02/05/2002	Kun-Ming Tseng	02114-URSX	1918
33804	7590	09/30/2005	EXAMINER	
SUPREME PATENT SERVICES POST OFFICE BOX 2339 SARATOGA, CA 95070			LEE, CHEUKFAN	
			ART UNIT	PAPER NUMBER
			2622	

DATE MAILED: 09/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/072,709

Applicant(s)

TSENG ET AL.

Examiner

Cheukfan Lee

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☒ Claim(s) 1-5 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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1. Claims 1-5 are pending. Claim 1 is independent.

2. Claims 1-5 are objected to because of the following:

In claim 1, the language is not in proper form and contains grammatical errors and misspelling such as the use of a comma “,” on line 1 and “filed” on line 7 (for example). The claim in proper form is proposed below.

-- 1. A platform scanner comprising:

a housing;

an opaque handwriting board disposed at an outside portion of the housing;

a transmission shaft arranged on the scanner in a direction parallel to an edge of the handwriting board;

a scanning carrier having a CIS (contact image sensor) module therein, the scanning carrier located on the handwriting board, one end of the scanning carrier being mounted on the transmission shaft to facilitate horizontal movement of the scanning carrier along the transmission shaft for scanning and reading data on the handwriting board; and

a sliding piece provided at each of two bottom ends of the scanning carrier for maintenance and control of the depth of field between the scanning carrier and the handwriting board. —

Claims 2-5 are objected as being dependent on the objected claim 1.

Further, claim 4 claims that the transmission shaft is disposed in the housing. This is not consistent with the claim 1 limitation "a transmission shaft is arranged on the scanner". Maybe claim 1 should be amended.

3. Claims 1-5 would be allowable if rewritten or amended to overcome the objection(s) set forth in this Office action.

4. The following is an examiner's statement of reasons for allowance:

Claim 1 would be allowable over the prior art of record because the closest prior art references Tsai (U.S. Patent No. 6,721,072), Youngers (U.S. Patent No. 6,089,843) and Sato (U.S. Patent No. 6,753,986) discussed below do not teach a scanner having the specific arrangement of the CIS module scanning carrier located on the handwriting board disposed at an outside portion of the scanner housing and having one end thereof mounted on a transmission shaft arranged on the scanner to facilitate horizontal movement of the scanning carrier along the transmission shaft for scanning and reading data on the handwriting board.

Tsai (6,721,072) discloses a flatbed type scanner where the CIS module is located on top of the transparent platen, instead of below the platen, for scanning a reflective type original document placed on the platen. Tsai does not disclose a handwriting board.

Youngers et al. (6,089,843) discloses a virtual whiteboard employing a scanner having a transparent document platen on which a user writes directly with dry erase markers in the same manner a user would write on a whiteboard. The scanner scans the document and mirrors the document image from left to right.

Sato (6,753,986) discloses an electronic whiteboard including an image reading device having a stationary CIS unit (13,113, 213) for reading an image of the writing hand-written on a whiteboard surface (11) while the whiteboard surface is driven by motor (15) passed the CIS unit.

Dependent claims 2-5 would be allowable for the reason given for independent claim 1.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Tsai (U.S. Patent No. 6,721,072) discloses a flatbed type scanner where the CIS module is located on top of the transparent platen, instead of below the platen, for

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scanning a reflective type original document placed on the platen. Tsai does not disclose a handwriting board.

Youngers et al. (U.S. Patent No. 6,089,843) discloses a virtual whiteboard employing a scanner having a transparent document platen on which a user writes directly with dry erase markers in the same manner a user would write on a whiteboard. The scanner scans the document and mirrors the document image from left to right.

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Tsai et al. (U.S. Patent No. 6,808,842) discloses a scanner having an image sensor module (321) disposed on top of the document platen, for scanning an opaque document (Fig. 3B).

Carau, Sr. (U.S. Patent No. 6,318,825) discloses a dry erase electronic whiteboard with page-wide-array inject printer (Fig. 1).

Umehara et al. (U.S. Patent No. 4,797,106) discloses an electronic blackboard system.

Sakai (U.S. Patent No. 4,803,564) discloses an electronic blackboard system.

Pryor et al. (U.S. Patent No. 4,739,414) disclose a large area array of thin film photosensitive elements for image detection.

Sato et al. (U.S. Patent No. 5,181,129) discloses an electronic blackboard.

Yaniv et al. (U.S. Patent No. 4,725,889) discloses a photosensitive line imager utilizing a movable scanning arm.

Lee (U.S. Patent No. 6,233,065) discloses a scanner with transmission-mode scanning function.

Fukuoka et al. (U.S. Patent NO. 5,251,072) disclose an image reader having a light module mounted on top of the document platen.

Tanioka et al. (U.S. Patent No. 4,684,998) discloses an image reader suitable for manual scanning.

Akamine et al. (U.S. Patent No. 6,088,025) discloses a terminal device with built-in image sensor.

Tsukahara et al. (Japanese Application Publication No. 2003-87466 (JP2003087466 A)) discloses a scanner notebook employing a write board.

Harada (Japanese Application Publication No. 9-298621 (JP09298621 A)) discloses a scanner of a facsimile apparatus for reading a message written on a white board (2a) attached to the backside of a document cover (2).

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheukfan Lee whose telephone number is (571) 272-7407. The examiner can normally be reached on 9:30 a.m. to 6:00 p.m., Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (571) 272-7402. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Cheukfan Lee
September 21, 2005



Cheukfan Lee